

Converting Colors

Hex(B784B8)

Have a look what the booklet for
Hex(B784B8) contains.

Hex(B784B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B784B8)

Conversions

Conversions Part 1

Format	Color
Hex	B784B8
RGB	183, 132, 184
RGB Percent	72%, 52%, 72%
CMY	0.2824, 0.4824, 0.2784
CMYK	0.01, 0.28, 0.00, 0.28
HSL	299°, 27%, 62%
HSV	299°, 28%, 72%
XYZ	36.4314, 30.0305, 49.2237
YIQ	153.1770, 13.7040, 26.9840

Conversions

Conversions Part 2

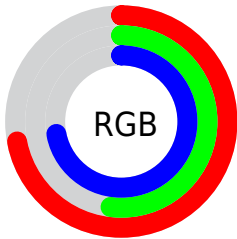
Format	Color
R_{YB}	183, 132, 184
Decimal	12027064
CIE _{Lab}	61.68, 28.37, -19.57
CIE _{LCh}	62, 34.465, 325.410
Yxy	30.0305, 0.3149, 0.2596
Android (android.graphics.Color)	4290217144 (0xFFB784B8)
YUV	153.1770, 15.1957, 26.1548
Hunter-Lab	54.8001, 22.7677, -14.8967

Details

The Hex color **B784B8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85B884**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F0BAF0**, and **815283** is the 20% darker color. If you saturate the color by 10%, you get **B772B8**, and if you desaturate by 10%, it is **B796B8**.

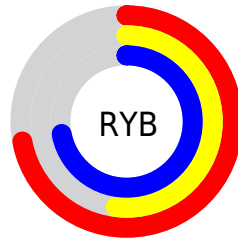
Distribution



Red (72%)

Green (52%)

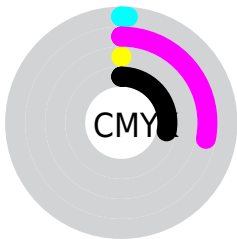
Blue (72%)



Red (72%)

Yellow (52%)

Blue (72%)

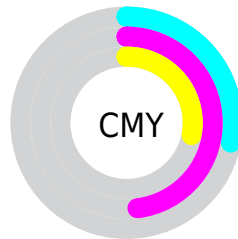


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B784B8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B784B8 by changing the saturation by 10% instead.

 B784B8

 B784B8

FFFFFF

 9C6A9D

 F0BAF0

 815283

 FFD6FF

 673A6A

 FFF2FF

 4F2351

 370B3A

 230025

 00000D

 000000

 B784B8

 B784B8

 B772B8

 B796B8

 B65FB8

 B8A9B8

 B64DB8

 B8BBB8

 B63AB8

 B8CEB8

 B528B8

 B9E0B8

 B516B8

 B9F2B8

 B503B8

 B9FFB8

 B400B8

 BAFFB8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



928FCC



B784B8



CC7E9B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B784B8



AD9258



10A5AE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B784B8



85B884

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42A58F



B784B8



8E9B5D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B784B8



C58764



6BA271



27A1C6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B784B8



D17E86



6BA271



21A5A4

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B784B8



EFDDF0



8486B8



786C78



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B784B8



EE9EF0



B884A0



5C535C



99009C



1C001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B88485



F09EA0



84B89C



5C5353



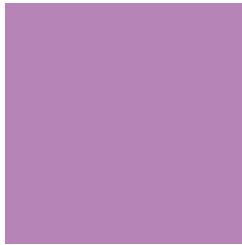
9C0003



1C0001

Previews

White Background



This preview shows how the Hex color B784B8 looks on a white background.

Color Contrast Check

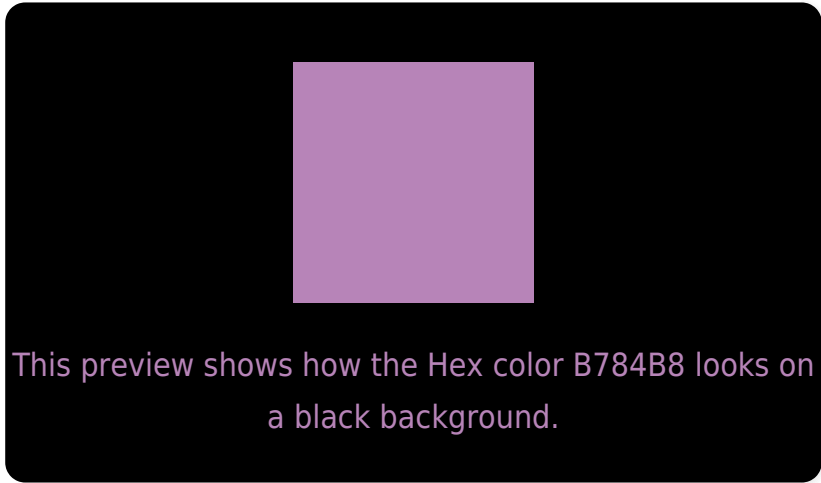
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

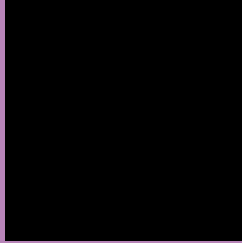
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B784B8 Background



This preview shows how black text looks on a background with the Hex color B784B8.

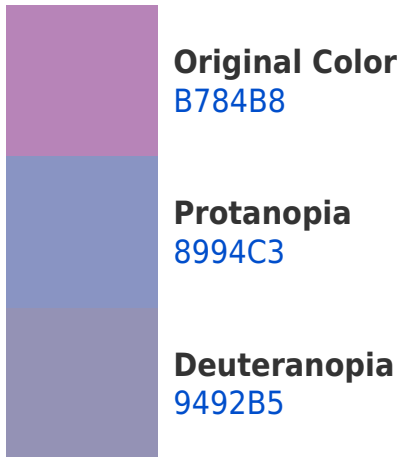


This preview shows how white text looks on a background with the Hex color B784B8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
B28B95

Trichromacy



Original Color
B784B8

Protanomaly
9A8EBF

Deuteranomaly
A18DB6

Tritanomaly
B488A2

Monochromacy



Original Color
B784B8

Achromatopsia
999999

Achromatomaly
A491A4

CSS Examples

Text

The CSS property to change the color of the text to Hex B784B8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B784B8 looks like.

```
.text, #text, p{  
    color:#B784B8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B784B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B784B8
}
```

Border

The CSS property to change the border of an element to Hex B784B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

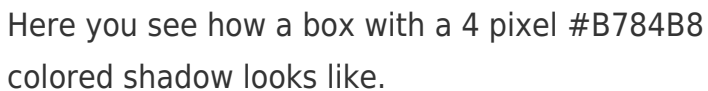
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B784B8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B784B8 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B784B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B784B8; -webkit-box-shadow:4px 4px  
4px 4px #B784B8; box-shadow:4px 4px 4px  
4px #B784B8 }
```

Background

The CSS property to change the background color of an element to Hex B784B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B784B8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B784B8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor